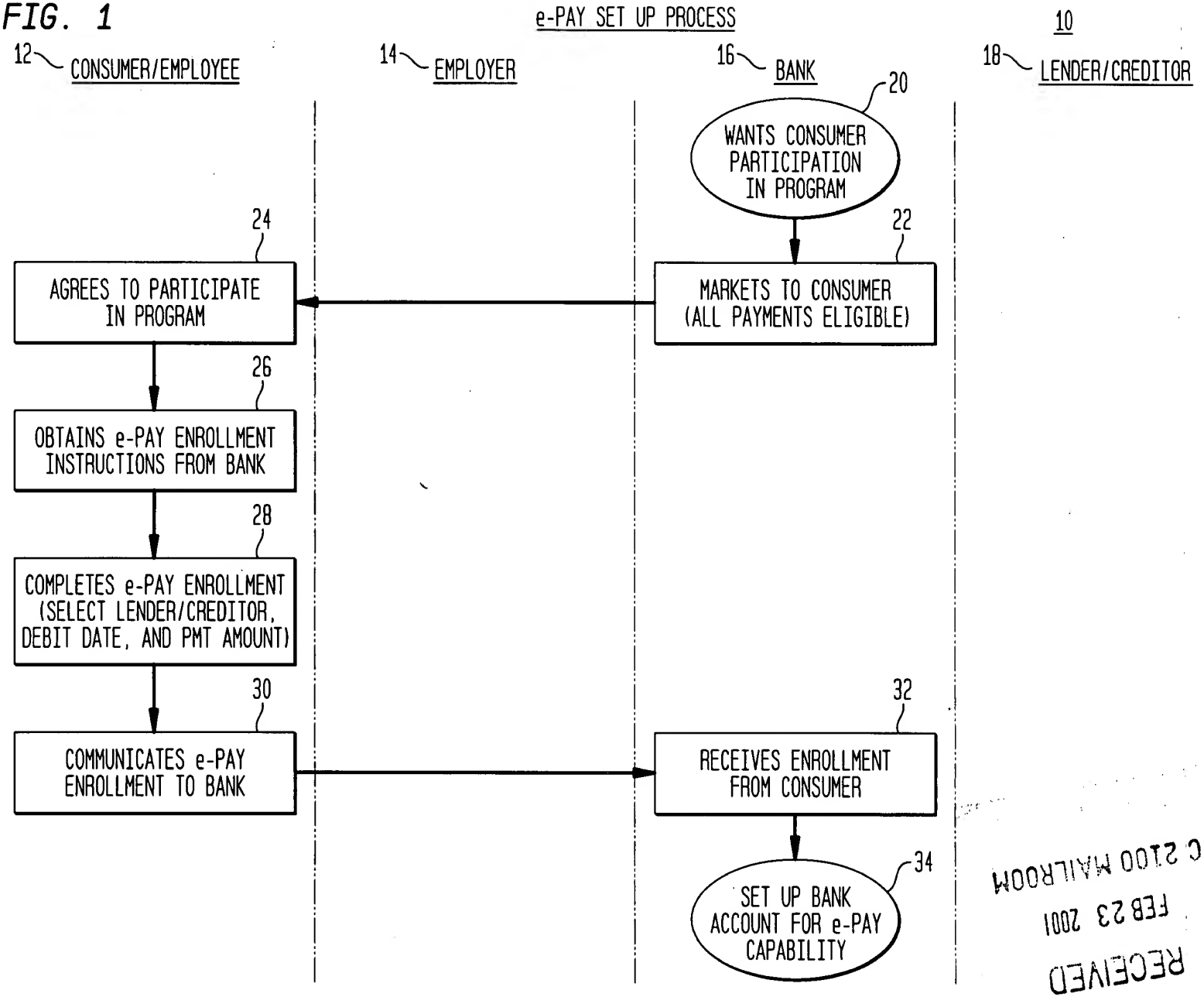
FIG. 1



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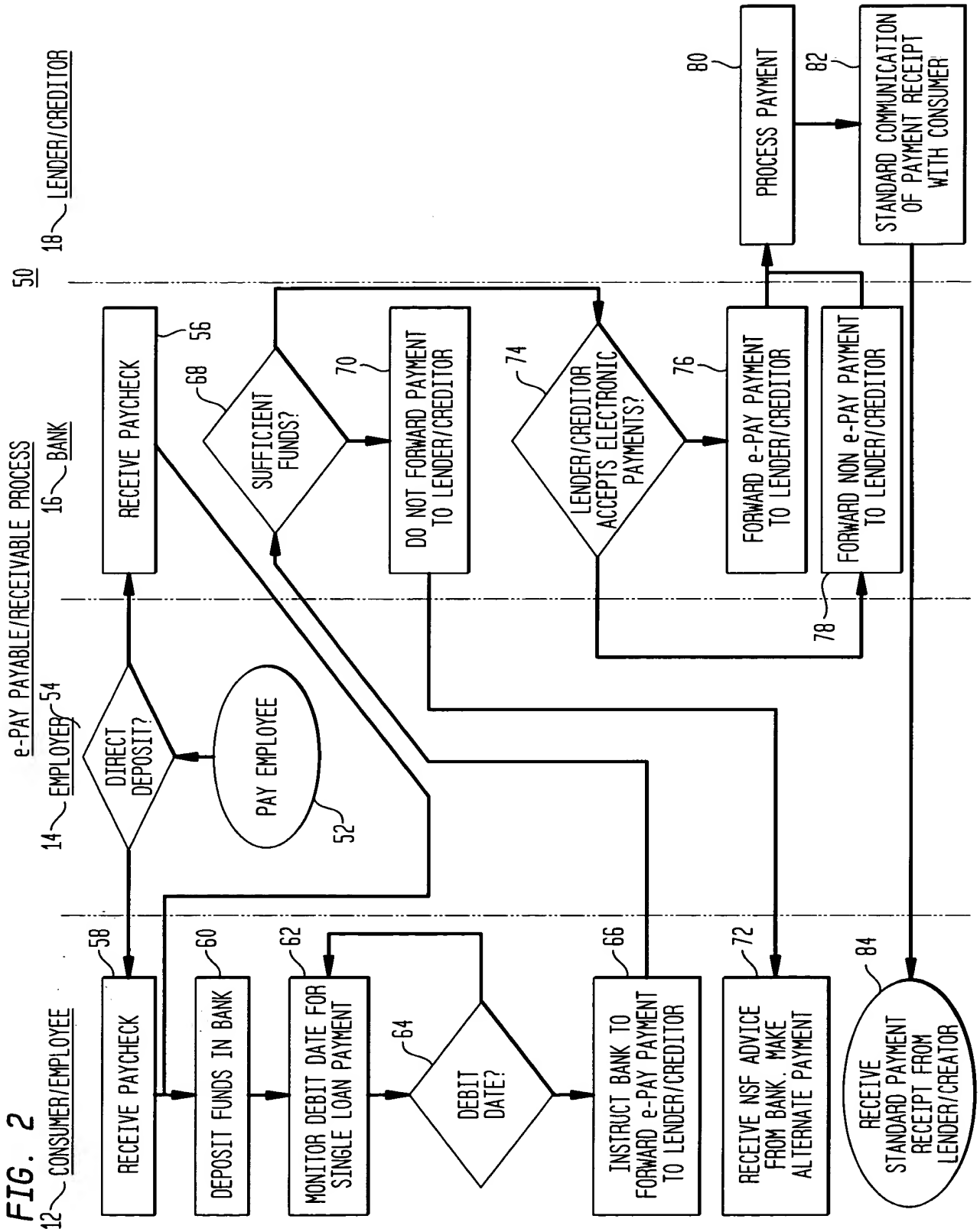
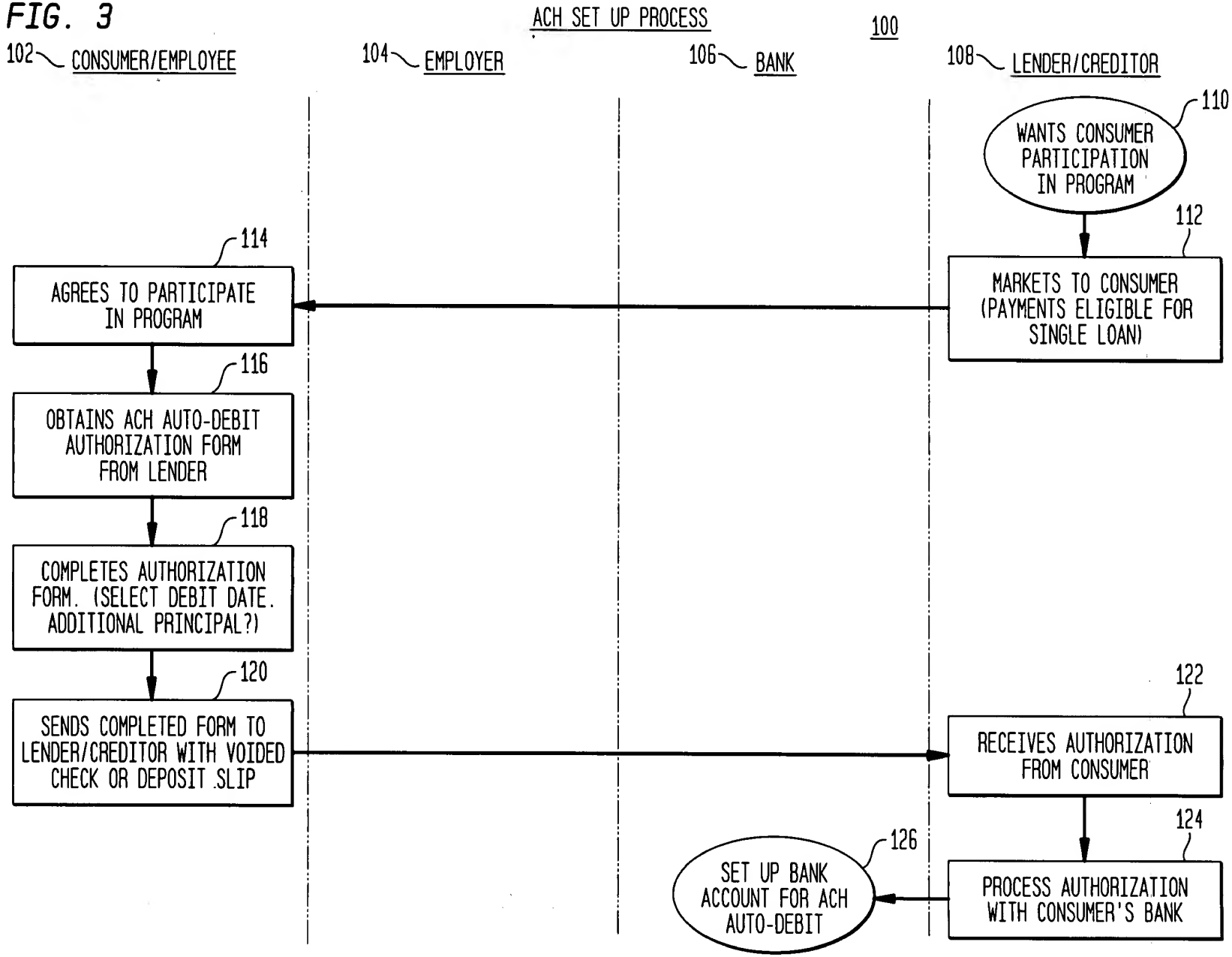

e-PAY PAYABLE/RECEIVABLE PROCESS
12 CONSUMER/EMPLOYEE
14 EMPLOYER
16 BANK
18 LENDER/CREDITOR
50
52
54
56
58
60
62
64
66
68
70
72
74
76
78
80
82
84
RECEIVE PAYCHECK
DIRECT DEPOSIT?
PAY EMPLOYEE
RECEIVE PAYCHECK
DEPOSIT FUNDS IN BANK
MONITOR DEBIT DATE FOR SINGLE LOAN PAYMENT
DEBIT DATE?
INSTRUCT BANK TO FORWARD e-PAY PAYMENT TO LENDER/CREDITOR
RECEIVE NSF ADVICE FROM BANK. MAKE ALTERNATE PAYMENT
RECEIVE STANDARD PAYMENT RECEIPT FROM LENDER/CREATOR
SUFFICIENT FUNDS?
DO NOT FORWARD PAYMENT TO LENDER/CREDITOR
LENDER/CREDITOR ACCEPTS ELECTRONIC PAYMENTS?
FORWARD e-PAY PAYMENT TO LENDER/CREDITOR
FORWARD NON e-PAY PAYMENT TO LENDER/CREDITOR
PROCESS PAYMENT
STANDARD COMMUNICATION OF PAYMENT RECEIPT WITH CONSUMER

FIG. 2

FIG. 3


ACH SET UP PROCESS
100
102 CONSUMER/EMPLOYEE
104 EMPLOYER
106 BANK
108 LENDER/CREDITOR
110
WANTS CONSUMER PARTICIPATION IN PROGRAM
112
MARKETS TO CONSUMER (PAYMENTS ELIGIBLE FOR SINGLE LOAN)
114
AGREES TO PARTICIPATE IN PROGRAM
116
OBTAINS ACH AUTO-DEBIT AUTHORIZATION FORM FROM LENDER
118
COMPLETES AUTHORIZATION FORM. (SELECT DEBIT DATE. ADDITIONAL PRINCIPAL?)
120
SENDS COMPLETED FORM TO LENDER/CREDITOR WITH VOIDED CHECK OR DEPOSIT SLIP
122
RECEIVES AUTHORIZATION FROM CONSUMER
124
PROCESS AUTHORIZATION WITH CONSUMER'S BANK
126
SET UP BANK ACCOUNT FOR ACH AUTO-DEBIT

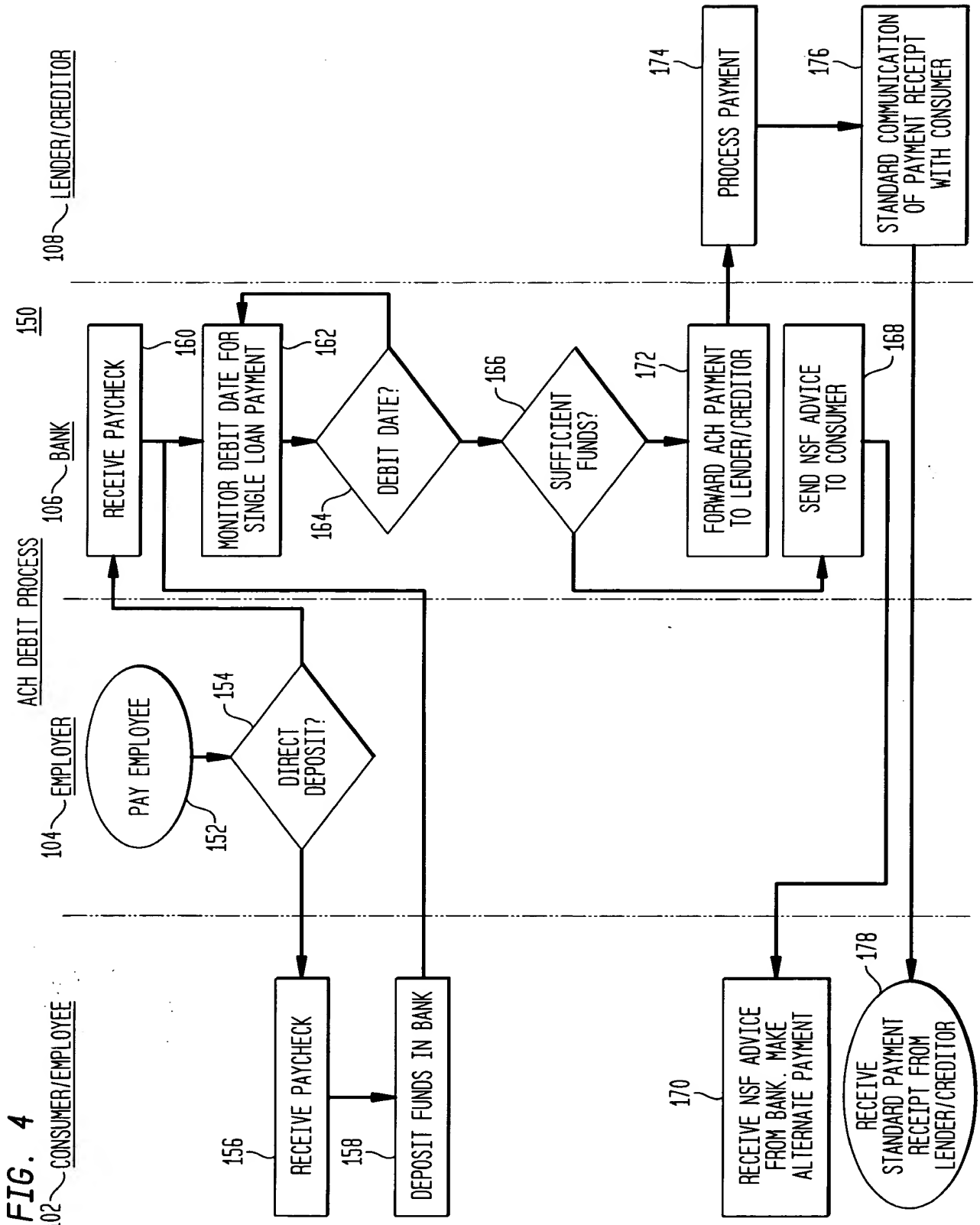

ACH DEBIT PROCESS
150
102 CONSUMER/EMPLOYEE
104 EMPLOYER
106 BANK
108 LENDER/CREDITOR
PAY EMPLOYEE
152
DIRECT DEPOSIT?
154
RECEIVE PAYCHECK
156
DEPOSIT FUNDS IN BANK
158
RECEIVE PAYCHECK
160
MONITOR DEBIT DATE FOR SINGLE LOAN PAYMENT
162
DEBIT DATE?
164
SUFFICIENT FUNDS?
166
SEND NSF ADVICE TO CONSUMER
168
RECEIVE NSF ADVICE FROM BANK. MAKE ALTERNATE PAYMENT
170
FORWARD ACH PAYMENT TO LENDER/CREDITOR
172
PROCESS PAYMENT
174
STANDARD COMMUNICATION OF PAYMENT RECEIPT WITH CONSUMER
176
RECEIVE STANDARD PAYMENT RECEIPT FROM LENDER/CREDITOR
178

FIG. 4

FIG. 5

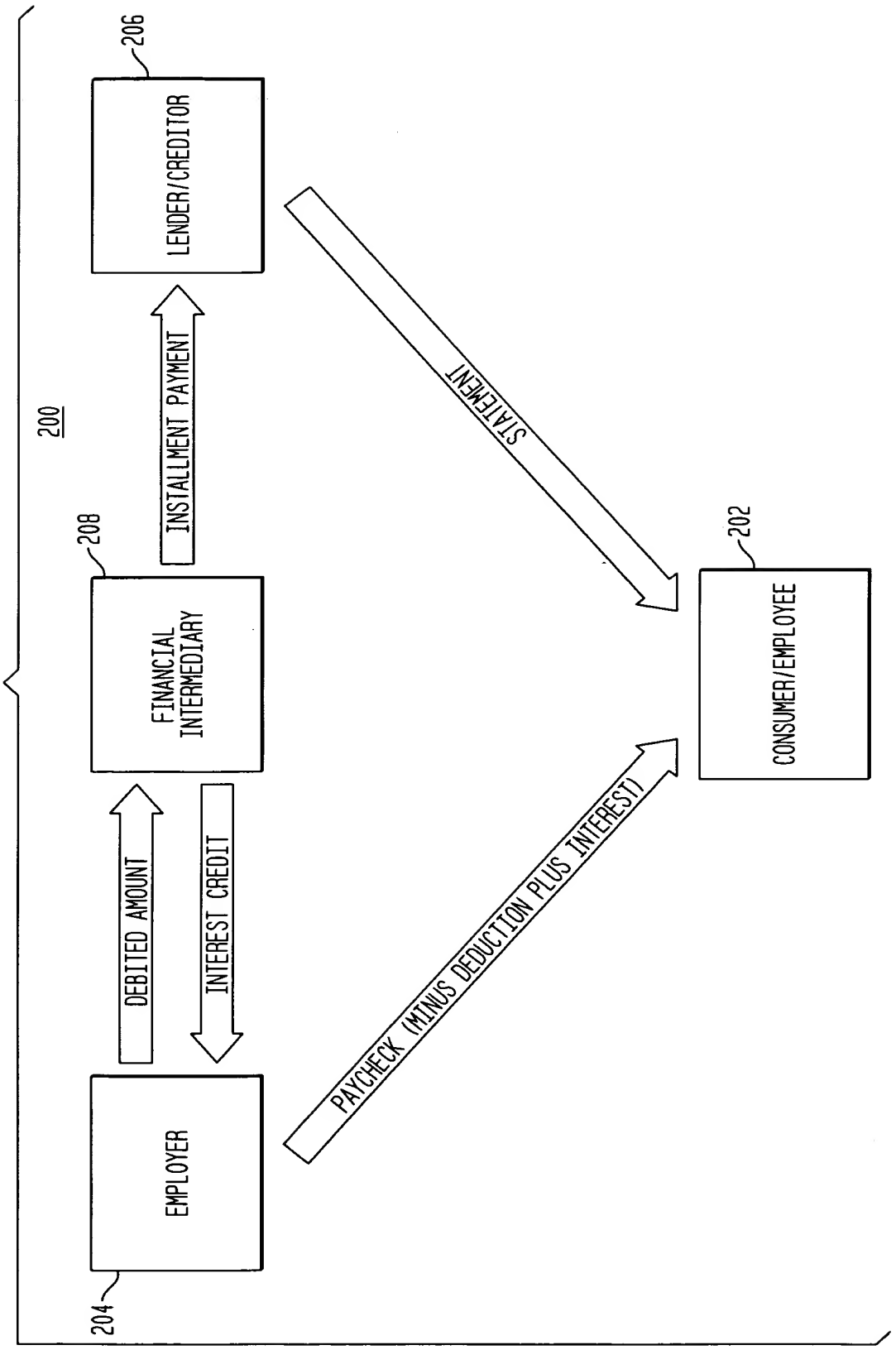

200
206
LENDER/CREDITOR
INSTALLMENT PAYMENT
STATEMENT
208
FINANCIAL INTERMEDIARY
202
CONSUMER/EMPLOYEE
DEBITED AMOUNT
INTEREST CREDIT
PAYCHECK (MINUS DEDUCTION PLUS INTEREST)
EMPLOYER
204

FIG. 6

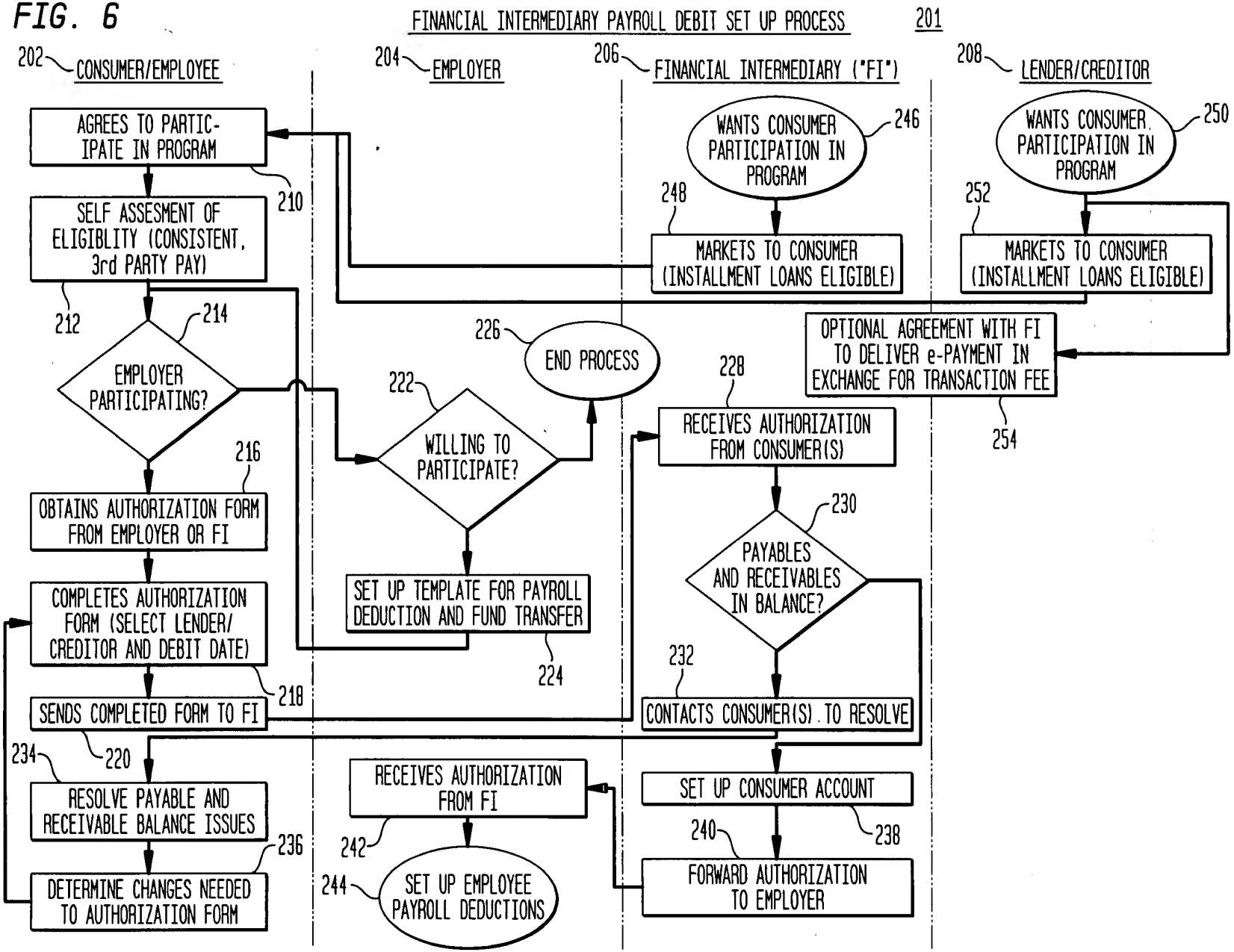

FINANCIAL INTERMEDIARY PAYROLL DEBIT SET UP PROCESS
201
202 CONSUMER/EMPLOYEE
204 EMPLOYER
206 FINANCIAL INTERMEDIARY ("FI")
208 LENDER/CREDITOR
AGREES TO PARTIC-IPATE IN PROGRAM
210
SELF ASSESMENT OF ELIGIBLITY (CONSISTENT, 3rd PARTY PAY)
212
214
EMPLOYER PARTICIPATING?
216
OBTAINS AUTHORIZATION FORM FROM EMPLOYER OR FI
COMPLETES AUTHORIZATION FORM (SELECT LENDER/ CREDITOR AND DEBIT DATE)
218
SENDS COMPLETED FORM TO FI
220
234
RESOLVE PAYABLE AND RECEIVABLE BALANCE ISSUES
236
DETERMINE CHANGES NEEDED TO AUTHORIZATION FORM
222
WILLING TO PARTICIPATE?
226
END PROCESS
SET UP TEMPLATE FOR PAYROLL DEDUCTION AND FUND TRANSFER
224
242
RECEIVES AUTHORIZATION FROM FI
244
SET UP EMPLOYEE PAYROLL DEDUCTIONS
WANTS CONSUMER PARTICIPATION IN PROGRAM
246
248
MARKETS TO CONSUMER (INSTALLMENT LOANS ELIGIBLE)
228
RECEIVES AUTHORIZATION FROM CONSUMER(S)
230
PAYABLES AND RECEIVABLES IN BALANCE?
232
CONTACTS CONSUMER(S) TO RESOLVE
SET UP CONSUMER ACCOUNT
238
240
FORWARD AUTHORIZATION TO EMPLOYER
WANTS CONSUMER PARTICIPATION IN PROGRAM
250
252
MARKETS TO CONSUMER (INSTALLMENT LOANS ELIGIBLE)
OPTIONAL AGREEMENT WITH FI TO DELIVER e-PAYMENT IN EXCHANGE FOR TRANSACTION FEE
254

FIG. 7

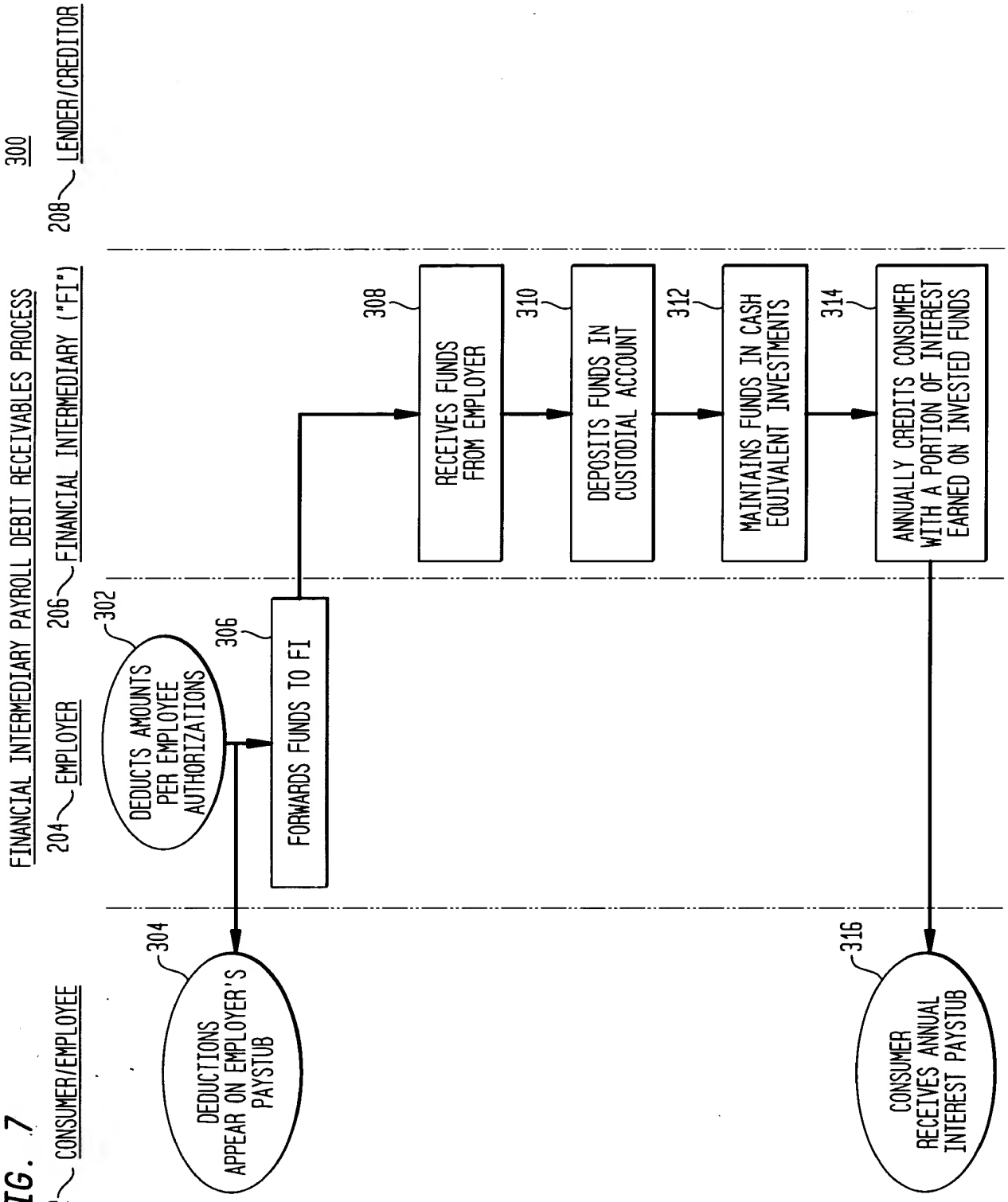
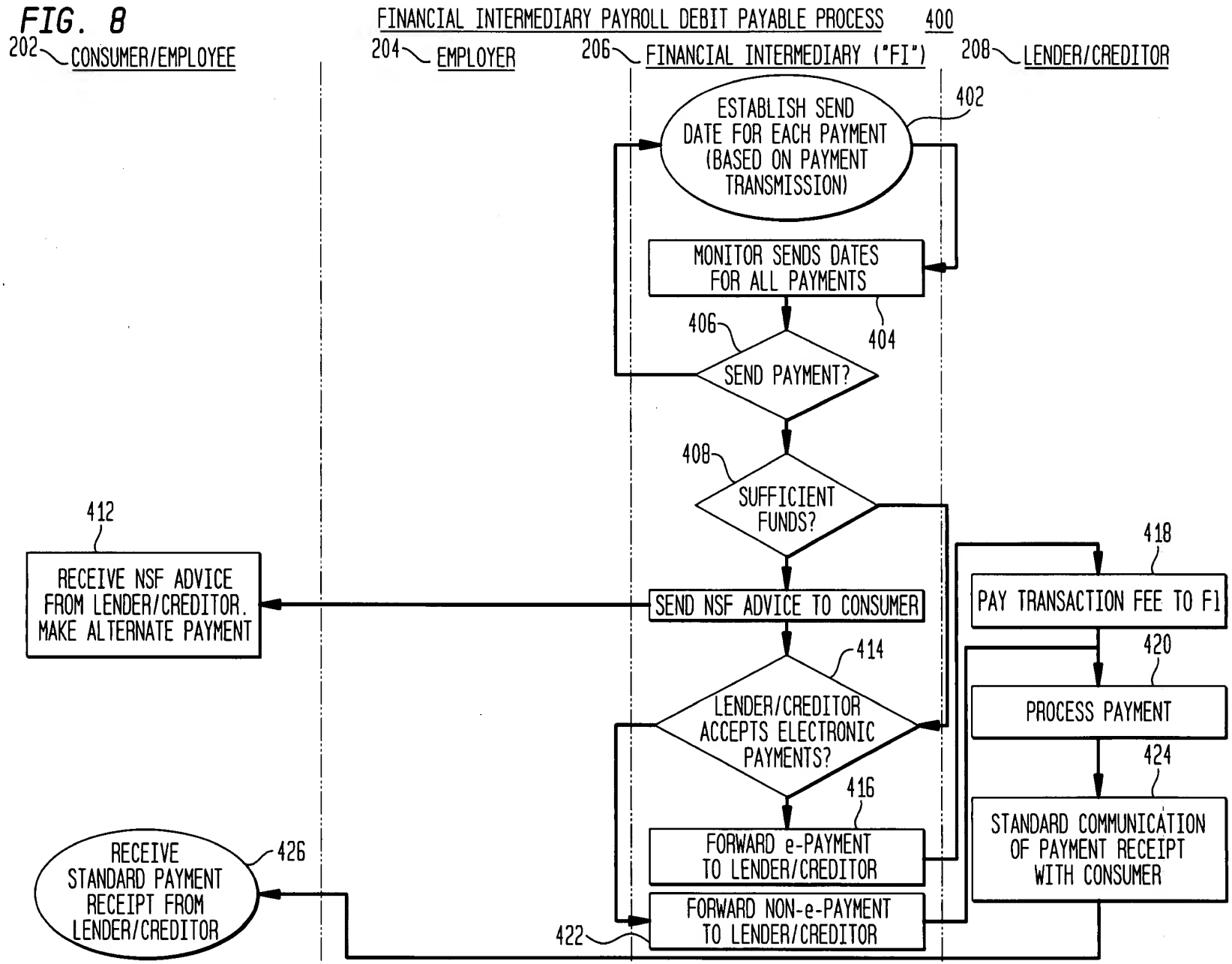

300
FINANCIAL INTERMEDIARY PAYROLL DEBIT RECEIVABLES PROCESS
202 CONSUMER/EMPLOYEE
204 EMPLOYER
206 FINANCIAL INTERMEDIARY ("FI")
208 LENDER/CREDITOR
302
DEDUCTS AMOUNTS PER EMPLOYEE AUTHORIZATIONS
306
FORWARDS FUNDS TO FI
308
RECEIVES FUNDS FROM EMPLOYER
310
DEPOSITS FUNDS IN CUSTODIAL ACCOUNT
312
MAINTAINS FUNDS IN CASH EQUIVALENT INVESTMENTS
314
ANNUALLY CREDITS CONSUMER WITH A PORTION OF INTEREST EARNED ON INVESTED FUNDS
304
DEDUCTIONS APPEAR ON EMPLOYER'S PAYSTUB
316
CONSUMER RECEIVES ANNUAL INTEREST PAYSTUB

FIG. 8


FINANCIAL INTERMEDIARY PAYROLL DEBIT PAYABLE PROCESS 400
202 CONSUMER/EMPLOYEE
204 EMPLOYER
206 FINANCIAL INTERMEDIARY ("FI")
208 LENDER/CREDITOR
ESTABLISH SEND DATE FOR EACH PAYMENT (BASED ON PAYMENT TRANSMISSION)
402
MONITOR SENDS DATES FOR ALL PAYMENTS
404
406
SEND PAYMENT?
408
SUFFICIENT FUNDS?
412
RECEIVE NSF ADVICE FROM LENDER/CREDITOR. MAKE ALTERNATE PAYMENT
SEND NSF ADVICE TO CONSUMER
414
LENDER/CREDITOR ACCEPTS ELECTRONIC PAYMENTS?
416
FORWARD e-PAYMENT TO LENDER/CREDITOR
FORWARD NON-e-PAYMENT TO LENDER/CREDITOR
422
418
PAY TRANSACTION FEE TO FI
420
PROCESS PAYMENT
424
STANDARD COMMUNICATION OF PAYMENT RECEIPT WITH CONSUMER
RECEIVE STANDARD PAYMENT RECEIPT FROM LENDER/CREDITOR
426